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FILE 'HOME' ENTERED AT 07:52:03 ON 04 NOV 2003

=> fil reg
COST IN U.S. DOLLARS
SINCE FILE ENTRY TOTAL
SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 07:52:11 ON 04 NOV 2003
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STRUCTURE FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9
DICTIONARY FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

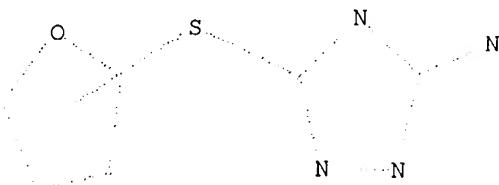
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 10089433.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 07:52:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 190 TO ITERATE

100.0% PROCESSED 190 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2973 TO 4627
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s 11 full
FULL SEARCH INITIATED 07:52:33 FILE 'REGISTRY'
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100.0% PROCESSED 3403 ITERATIONS 15 ANSWERS

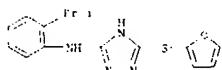
Page 3 11/04/2003

SEARCH TIME: 00.00.01

L3 15 SEA SSS FUL L1

=> d scan

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H-1,2,4-Triazol-3-amine, 5-(2-furylthio)-N-(2-(1-methylethyl)phenyl)-
 (9CI)
 MF C15 H16 N4 O S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

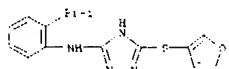
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (0):14

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H-1,2,4-Triazol-3-amine, 5-(3-furylthio)-N-phenyl- (9CI)
 MF C12 H10 N4 O S



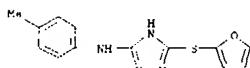
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 (9CI)
 MF C15 H16 N4 O S



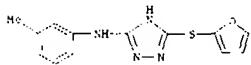
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L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
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 MF C12 H12 N4 O S



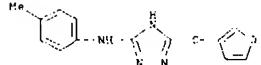
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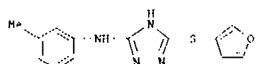
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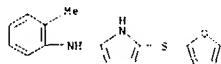
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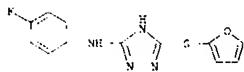
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 MF C13 H12 N4 S 5



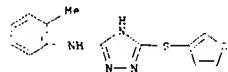
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 MF C12 H9 F N4 S 5



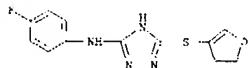
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 MF C14 H12 N4 S 5



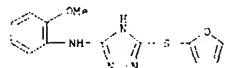
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 MF C12 H9 F N4 S 5



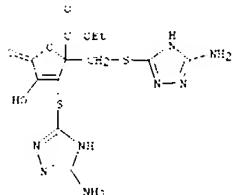
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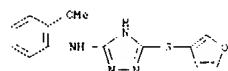
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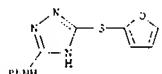
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 MF C12 H14 N4 S 52



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-phenyl- (9CI)
 MF C12 H10 N4 C S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> fil caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	148.55	148.76

FILE 'CAPLUS' ENTERED AT 07:53:18 ON 04 NOV 2003
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FILE COVERS 1907 - 4 Nov 2003 VOL 139 ISS 19
FILE LAST UPDATED: 3 Nov 2003 (20031103/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s 13
L4          2 L3
=> d ibib abs hitstr 1-2
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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN
ACCESSION NUMBER: 2004-610442 CAPLUS

DOCUMENT NUMBER: 134:179564

TITLE: Preparation of furanones as cyclooxygenase-2 inhibitors for
neuronal inflammation and neurodegenerative disorders
INVENTOR(S): Wang, Jun; Zhang, Wei; Song, Jianxian; Del Balzo,
Ughetta, Brian; Leydig; Walkingshaw, Gail;
PATENT ASSIGNEE(S): Gallico Laboratories, Inc., USA
SOURCE: PCT Int. Appl., 89 pp.
CODEN: PIXX02

DOCUMENT TYPE: Patent

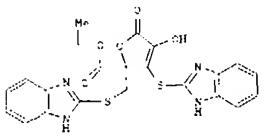
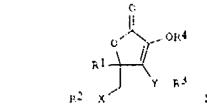
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003-064401	A1	20030307	WO 2003-052766	20030110
W1: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CZ, DE, DK, EE, ES, FI, GR, IE, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LT, LV, MA, MG, MR, MU, NL, PT, RO, RU, SE, SI, SK, SL, TR, TM, TR, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW; AM, AZ, BY, KG, KZ, MD, RU, TZ, TM				
EW: GH, GR, KE, LS, MW, ME, SD, SL, SZ, TZ, US, EM, ZW; AT, EE, BG, CH, CY, CZ, DE, DK, ES, FI, FR, GR, IE, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LT, LV, MA, MG, MR, MU, NL, PT, RO, RU, SE, SI, SK, TR, EE, FI, CG, CL, TM, GA, GR, IS, SE, GW, ME, MR, NE, SN, TD, TZ				
US 2003-763634	A1	20030316	US 2003-254474	20030128
Priority Appln. Info.: WO 2002-357035 P 20020131				
Other Source(s): MARPAT 139:179865				
SI:				

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)



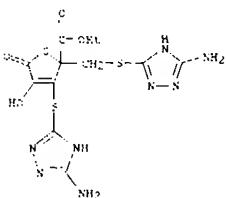
II

AB: Title: Compounds, I [wherein R1 = CO2R', CONH'R'', CH2CR''', CN, (mono)substituted heteroaryl]; heteroarylalkyl, heteroaryl, heteroarylalkyl, R2 = independently (1)substituted alkyl, cyanoalkyl, alkylcarboxyl, amide, di-, tri- or tetra-peptides; R3 = H, alkyl, alkylcarboxyl, (1)alkylalkylalkylene, dialkylphosphoryl, X = alkylene, R4 = S, SO, SO2, or X2 = R3CR12; Y = R', S, SO, SO2; or YR3 = PO(R'1)2; or XR2Y3 = (an)substituted aliph. or alic. ring; R' = H, alkenyl, (un)substituted alkyl, cycloalkyl, phosphoryl, acyl, R'' = H, alkynyl, (un)substituted alkyl, alkyl or R''N+ atoms that form (un)substituted 5-7 membered aryl, heteroaryl rings; R''' = H, alkynyl, (un)substituted alkyl, alkyl, cycloalkyl, phosphoryl, acyl with the proviso that the compound is not 4-hydroxy-3-methylbutylsulfonyle-2-methylnaphthylmethyl-5-oxo-2,5-dihydrofuran-2-carboxylic acid, Et ester; and further with the proviso that when X = alkyl, are, R2, noted, (un)substituted alkyl; and their single isomers, single stereoisomers, mixts. of tautomers and/or stereoisomers, and pharmaceutically acceptable salts] were prepd. as cytoprotectants for neuronal inflammation and neurodegenerative disorders. For example, I was prepd. by reaction of 2-mercapto-benzimidazole with Et bromopyruvate in ethanolic/acetone and aldol condensation of the two tautomeric forms of the pyruvate intermediate. Selected invention compds. showed significant results in assays assessing mouse ear inflammatory response to topical arachidonate (ID₅₀ to 704, p < 0.05). Results from neuronal cell stress assay, myocyte calcium-contractility assay, and rat middle cerebral artery occlusion model were disclosed for selected invention compds. Thus, I and their pharmaceutical formulations are useful in the treatment of stroke, cerebral ischemia, myocardial infarction, myocardial ischemia, chronic heart failure, inflammation and other oxidative stress-related conditions, and Alzheimer's disease and senile dementia (see data).

IT: 577952-50-2P, 7-((5-Amino-2H-[1,2,4]triazol-3-yl)sulfonyl)-2-((1S)-aziridine-2H-[1,2,4]triazol-3-yl)sulfonyl)methyl-4-hydroxy-5-oxo-2,5-

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)

Chemical structure: 2-hydroxy-5-oxo-2,5-dihydrofuran-3-carboxylic acid, 3-[(5-amino-1H-1,2,4-triazol-3-yl)thio]-2-[(5-amino-1H-1,2,4-triazol-3-ylthio)methyl]-2,5-dihydro-4-hydroxy-5-oxo-2H-ethyl ester (PCI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN

ACCESSION NUMBER: 2001-1265241 CAPLUS

DOCUMENT NUMBER: 134:255827

TITLE: 3-Amino-5-benzothiophene-1,2,4-triazoles and analogues compounds and methods of use as inhibitors of type I methionine aminopeptidase (MetAP2)

INVENTOR(S): Marion, Joseph F., Jr.; Thompson, Scott K.; Weber, Daniel Frank

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 157 pp.

CODEN: PIXX02

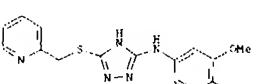
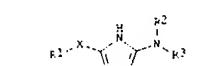
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
W1 2001-024736	A1	20010412	WO 2000-052651	20000929
W1: AE, AL, AU, BA, BB, BG, BR, BY, CZ, DE, DK, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KR, LC, LK, LT, LV, MA, MG, MR, MU, NL, PT, RO, RU, SE, SI, SK, SL, TR, TZ, TM, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TZ, TM				
EW: GH, GR, KE, LS, MW, ME, SD, SL, SZ, TZ, US, EM, ZW; AT, BE, CH, CY, DE, DK, ES, FI, FR, GR, IE, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LT, LV, MA, MG, MR, MU, NL, PT, RO, RU, SE, SI, SK, TR, EE, FI, CG, CL, TM, GA, GN, GW, HL, MR, NE, SN, TD, TZ				
EP 1223912	A1	20010724	EP 2000-970527	20000929
EP: AT, BE, CH, DE, DK, ES, FI, FR, GR, IE, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LT, LV, MA, MG, MU, NL, PT, RO, RU, SE, SI, SK, TR, EE, FI, CG, CL, TM, GA, GN, GW, HL, MR, NE, SN, TD, TZ				
JP 2003-103591	T2	20030418	JP 2001-521795	20000929
Priority Appln. Info.: US 1999-157286 P 19951201				
Other Source(s): MARPAT 134:295827				
SI:				



II

AB: The compds. of the invention are non-peptide, reversible inhibitors of type I methionine aminopeptidase (MetAP2), and are useful in treating conditions mediated by angiogenesis, such as cancer, hemangioma, proliferative retinopathy, rheumatoid arthritis, atherosclerosis, neovascularization, psoriasis, ocular neovascularization, and obesity. In particular, the method of inhibiting MetAP2 with triazoles I and their

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=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.32	159.08
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

STN INTERNATIONAL LOGOFF AT 07:55:02 ON 04 NOV 2003